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<p>Substitute for form 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>		Complete if Known	
		Application Number	10/626,173
		Filing Date	July 23, 2004
		First Named Inventor	Raju, Jeyaseelan
		Group Art Unit	1652
		Examiner Name	Maryam Monshipouri
Sheet 1 of 6	Attorney Docket Number	MPI98-105PIRCP2DVIM	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and-or country where published.	T ²
R.R.	C1	"Hypothetical Protein" 12 November 1999 (sequence) TrEMBL [online], Geneva, Switzerland, Swiss Institute of Bioinformatics [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://expasy.ch/prot . TrEMBL Accession No. Q9Y2V6.	
R.R.	C2	Jeffrey, P. D. et al., "Chain A, Cyclin A – Cyclin-Dependent Kinase 2 Complex." 14 July 1996 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AF261233.	
R.R.	C3	Russo, A. A. et al., "Chain A, Phosphorylated Cyclin-Dependent Kinase-2 Bound to Cyclin A" 03 July 1996 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. 1JST_A.	
R.R.	C4	Sicheri, F. et al., "Chain A, Src Family Kinase Hck-Amp-PnP Complex" 20 February 1997 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. 1AD5_A.	
R.R.	C5	Mohammadi, M. et al., "Chain A, Crystal Structure of the Tyrosine Kinase Domain of Fibroblast Growth Factor Receptor 1" 08 February 1997 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. 1FGK_A.	
R.R.	C6	Liszewicz, J. et al., "Protein Kinase (EC 2.7.1.37), cAMP-Dependent, catalytic chain 1 – Yeast (Saccharomyces cerevisiae)" 21 July 2000 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. OKBYC1.	
R.R.	C7	Xu, W. et al., "Crystal Structure of Human Tyrosine-Protein Kinase C-Src" 24 January 1997 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. 1FMK.	
R.R.	C8	Ebina, Y. et al., "Insulin Receptor (Tyrosine Kinase Domain) Mutant with Cys 981 Replaced By Ser and Tyr 984 Replaced by the Phe (C981s, Y984f)" 04 December 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. 1IRK.	
R.R.	C9	Tan, J. L. et al., "Protein-Tyrosine Kinase (EC 2.7.1.112) 1 – Slime Mole (Dictyostelium discoideum) (fragment)" 04 February 2000 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. A35670.	
R.R.	C10	NCI-CGAP, "ah70b01.s1 Soares testis NHT Homo Sapiens cDNA clone 1320937 3', mRNA sequence" 29 December 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AA758546.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/626,173
		Filing Date	June 23, 2004
		First Named Inventor	Raju, Jeyaseelan
		Group Art Unit	1652
		Examiner Name	Maryam Monshipouri
		Attorney Docket Number	MPI98-105P1RCP2DV1M
(use as many sheets as necessary)			
Sheet	2	of	6

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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R.R.	C11	Hwang, D. M. et al., "M186 Fetal Heart, Lambda ZAP Express Homo Sapiens cDNA 5', mRNA sequence" 23 April 1997 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AA389675.	
R.R.	C12	NCI-cGAP, "op74a11.s1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE: 1582556 3', mRNA Sequence" 24 September 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AA938871.	
R.R.	C13	Shinn, P. et al., "F2401.13 [Arabidopsis thaliana]" 16 January 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AAB96858.	
R.R.	C14	Connell, M., "Caenorhabditis elegans cosmid C24A1, complete sequence" 03 December 2004 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AF024491.	
R.R.	C15	Miao, N. et al., "Rattus norvegicus pancreatic serine threonine kinase mRNA, complete cds." 13 Jun 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AF068261.	
R.R.	C16	NCI-cGAP, "ow16c03.x1 Soares_parathyroid_tumor_NbHPA Homo Sapiens cDNA clone IMAGE: 1646980 3' similar to WP: C24A1.3 CE08335, mRNA Sequence" 30 June 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AI040439.	
R.R.	C17	NCI-cGAP, "qw21h08.x1 NCI CGAP UI4 Homo sapiens cDNA clone IMAGE: 1991775 3', mRNA Sequence" 21 December 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AI289394.	
R.R.	C18	NCI-cGAP, "qp98h10.x1 Soares_fetal_lung_NbHL19W Homo sapiens cDNA clone IMAGE: 1931107 3' similar to WP: C24A1.3 CE08335, mRNA Sequence" 28 December 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AI333762.	
R.R.	C19	NCI-cGAP, "tc09q12.x1 Soares_NhHMPu_S1 Homo sapiens cDNA clone IMAGE: 2063398 3' similar to WP: C24A1.3 CE08335, mRNA Sequence" 18 March 1999 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ . GenBank Accession No. AI375137.	

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		Group Art Unit	1652
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		Attorney Docket Number	MPI98-105P1RCP2DV1M
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r.r.	C20	NCI-cGAP, "te61c04.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE: 2091174 3', mRNA Sequence" 28 March 1999 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> GenBank Accession No. AI377988.	
r.r.	C21	Laidlaw, S. M. et al., "Fowlpox virus strain ank2, ank3, snap, cell, dnaseII and pc1 genes." 14 July 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> GenBank Accession No. AJ006408.	
r.r.	C22	Koetter, P. et al., "Putative protein [Arabidopsis thaliana]" 29 July 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> GenBank Accession No. CAA20048.	
r.r.	C23	Mahairas, G. G. et al., "HS_2061_A1_G12_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2061 Col=23 Row=M, genomic survey sequence" 03 October 1998 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> GenBank Accession No. AQ242835.	
r.r.	C24	Mahairas, G. G. et al., "HS_1026_B1_D03_MR.abi CIT Human Genomic Sperm Library C Homo sapiens genomic clone Plate=CT 805 Col=5 Row=H, genomic survey sequence" 17 October 1997 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> GenBank Accession No. B35049.	
r.r.	C25	Tanaka, T. et al., "CO3950 Human heart cDNA (YNakamura) Homo sapiens cDNA clone 3NHC2459, mRNA sequence" 30 July 1996 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> GenBank Accession No. C03950.	
r.r.	C26	Irie, K. et al., "Saccharomyces cerevisiae gene for Ssp31 Protein kinase, complete cds." 29 May 2002 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> GenBank Accession No. D10389.	
r.r.	C27	Toda, T. et al., "Yeast (S. cerevisiae) cAMP-Dependent Kinase subunit (TPK3) gene" 27 April 1993 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> GenBank Accession No. M17074.	
r.r.	C28	Tan, J. L. et al., "D.discoideum protein-tyrosine kinase-2 (DPYK2) mRNA, complete cds." 27 April 1993 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> GenBank Accession No. M33784.	

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		Filing Date	June 23, 2004
		First Named Inventor	Raju, Jeyaseelan
		Group Art Unit	1652
		Examiner Name	Maryam Monshipouri
		Attorney Docket Number	MPI98-105P1RCP2DV1M
Sheet	4	of	6

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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e.r.	C29	Tan, J. L. et al., "D.discoideum protein-tyrosine kinase-1 (DPYK1) mRNA, complete cds." 27 April 1993 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> . GenBank Accession No. M33785.	
e.r.	C30	Feng, X. H. et al., "Glycine max protein kinase (PK6) mRNA, complete cds." 27 April 1993 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> . GenBank Accession No. M67449.	
e.r.	C31	Toda, T. et al., "cAMP-Dependent Protein Kinase Type 3 (PKA 3)" 15 March 2004 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> . SwissProt Accession No. P05986.	
e.r.	C32	Toda, T. et al., "cAMP-Dependent Protein Kinase Type 1 (PKA 1) (CDC25 suppressing protein kinase) (PK-25)" 25 October 2004 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> . SwissProt Accession No. P06244.	
e.r.	C33	Friesen, H. et al., "Sporulation-specific protein 1." 01 August 1988 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> . SwissProt Accession No. P08458.	
e.r.	C34	Lux, S. E. et al., "Ankyrin 1 (Erythrocyte ankyrin (Ankyrin R))" 01 April 1990 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> . SwissProt Accession No. P16157.	
e.r.	C35	Nuckolls, G. H. et al., "Non-receptor tyrosine kinase spore lysis A (Tyrosine-protein kinase 1)" 01 November 1990 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> . SwissProt Accession No. P18160.	
e.r.	C36	Rhodes, N. et al., "Serine/threonine-protein kinase STE11" 01 November 1991 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> . SwissProt Accession No. P23561.	
e.r.	C37	Fukami, Y., "Serine/threonine-protein kinase KIC1 (Kinase that interacts with CDC31) N-rich kinase 1)" 01 February 1995 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: <u>URL: http://www.ncbi.nlm.nih.gov/</u> . SwissProt Accession No. P38692.	

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r.r.	C38	Costigan, C. et al., "Serine/threonine-protein kinase BCK1/SLK1/SSP31" 01 October 1993 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ SwissProt Accession No. Q01389.		
r.r.	C39	Otto, E. et al., "Ankyrin, Brain Variant 2 (Ankyrin B) (Ankyrin, Nonerythroid)" 01 November 1995 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ SwissProt Accession No. Q01485.		
r.r.	C40	White R. A. et al., "Ankyrin 1 (Erythrocyte ankyrin)" 01 November 1995 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ SwissProt Accession No. Q02357.		
r.r.	C41	Hwang, D. M. et al., "F5349 Fetal Heart Homo Sapiens cDNA Clone F5349 5' end, mRNA sequence" 02 May 1996 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ GenBank Accession No. R57737.		
r.r.	C42	Chang, Y. N. et al., "orf IE94 (5' promoter region, domain A1 and A2 enhancer region) [simian cytomegalovirus SCMV, Colburn, Genomic, 751 nt]" 08 May 1993 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ GenBank Accession No. S51380.		
r.r.	C43	Adler, K., "Dictyostelium discoideum AX2 protein tyrosine kinase mRNA, partial cds." 24 July 1996 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ GenBank Accession No. U01064.		
r.r.	C44	Otsuka, A. J. et al., "Caenorhabditis elegans ankyrin-related protein UNC-44 (unc-44) gene, partial cds." 27 January 1996 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ GenBank Accession No. U21734.		
r.r.	C45	Otsuka, A. J. et al., "Caenorhabditis elegans A013 ankyrin, A066 ankyrin and A049 Ankyrin (unc-44) gene, three alternatively spliced forms, complete cds." 04 February 1997 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ GenBank Accession No. U39847.		
r.r.	C46	Gattung, S., "Caenorhabditis elegans cosmid B0350, complete sequence" 25 October 2004 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ GenBank Accession No. U50071.		

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r.r.	C47	Lux, S. E. et al., "Human mRNA for ankyrin (variant 2.1)" 04 April 1995 (sequence) GenBank [online] Bethesda, MD, USA: National Center for Biotechnology Information [retrieved on January 7, 2005]. Retrieved from the Internet: URL: http://www.ncbi.nlm.nih.gov/ GenBank Accession No. X16609.	
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